



## AQUATIC PLANTS INDOOR LAB

**Materials** – Get the following materials from your instructor:

- Clipboard and pencil.
- Resource books *Through the Looking Glass* and *Lake Plants You Should Know* or other resources provided.

**Directions:**

1. Take one of the sample plants from the front lab table.
2. Look through the resource books and identify the plant.
3. Also tell what type of plant you have:  
emergent (E)/free floating (FF)/submersed (S)/floating leaf (FL)
4. Also tell if it is native (N) or invasive (I)
5. Return the plant to the front lab table and select the next plant until you have completed all the samples or as many as time will permit.

Sample #	Plant Name (from text)	Type (E/FF/S/FL)	Native/Invasive (N/I)	
1				(5 pts)_____
2				(5 pts)_____
3				(5 pts)_____
4				(5 pts)_____
5				(5 pts)_____

**Write three sentences explaining why aquatic plants are important to our lakes:**

(5 pts)\_\_\_\_\_

**TOTAL AQUATIC PLANTS POINTS (30 pts)\_\_\_\_\_**

**Extra Credit: (5 pts) for each additional plant identified.**

Sample #	Plant Name (from text)	Type (E/FF/S/FL)	Native/Invasive (N/I)	
6				(5 pts)_____
7				(5 pts)_____
8				(5 pts)_____

# **AQUATIC PLANTS**

**FREE-FLOATING – Float, not attached**

**SUBMERSED – Most below surface**

**FLOATING LEAF – Leaves on surface**

**EMERGENT – Leaves above surface**



## AQUATIC INVASIVE SPECIES INDOOR LAB

### Team Members:

**Background** - Things you should know. Answer the following:

1. What are the four types of aquatic plants?
2. What is an invasive species?
3. Name at least four things plants provide for other living things:

**Directions:** Take a sample from the front lab table and identify what kind of invasive species it is and why it is destructive. Use the resource handouts provided by the instructor. Return the sample to the lab table and take another. Continue the process until you have as many as possible of the samples identified.

Sample #	Name	Destructive Nature	
1			(5pts)_____
2			(5pts)_____
3			(5pts)_____
4			(5pts)_____
5			(5pts)_____

Explain why some species become invasive. How do they end up taking over?

(5 pts)\_\_\_\_\_

How can we prevent invasives spreading to other lakes? Explain what **YOU** can do to prevent the spread of aquatic invasive species.

(5 pts)\_\_\_\_\_

**TOTAL INVASIVE SPECIES POINTS (35 pts)\_\_\_\_\_**

**Extra Credit: (5 pts) For each additional species identified.**

Sample #	Name	Destructive Nature	
6			(5 pts)_____
7			(5 pts)_____
8			(5 pts)_____